



PROJECT REPORT
MAKING ANDROID-BASED STOCK OPNAME
APPLICATION WITH WEB SERVICE IN
COMPANY X

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APPROVAL AND RATIFICATION PAGE

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SERVICE IN COMPANY X

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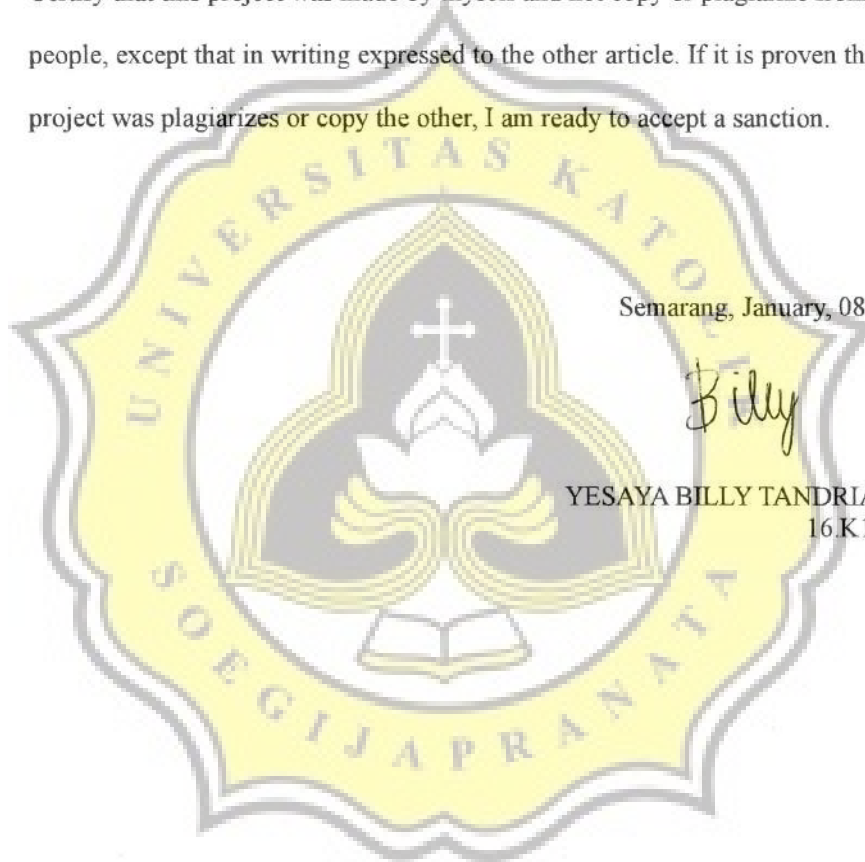
STATEMENT OF ORIGINALITY

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ABSTRACT

Company X (the company where the author conducts research) is a company engaged in the field of Retail that sells various types of products directly to consumers or to other distributors who have been running for decades. Company X always conducts Stock Opname activities on a regular basis, without these activities the company cannot ascertain the amount of goods in stock. Company X needs information technology to be able to assist the running of Stock Opname in the warehouse, which aims to ensure the right data source and the right quantity. If the stock system in Company X is still manually, it is likely to cause errors that can affect the achievement of the targets and targets of Company X. The purpose of this study is to create a Stock Opname Application that can manage incoming and outgoing goods, stock items, and item information.

Data items that are stored in the database of Company X will be linked with the Android-Based Application using Android Studio via a Web Service using PHP programming language. Web Service has a function as a recipient of the request from the application and send a query command to perform the operation in the database and return data to the application in the form of a json or text as needed.

The application that has been produced in this research can update data on incoming and outgoing goods, and display also update information on goods, as well as Stock Opname activities based on location and sub-shelf. This application can also configure the IP address through the menu in the application.

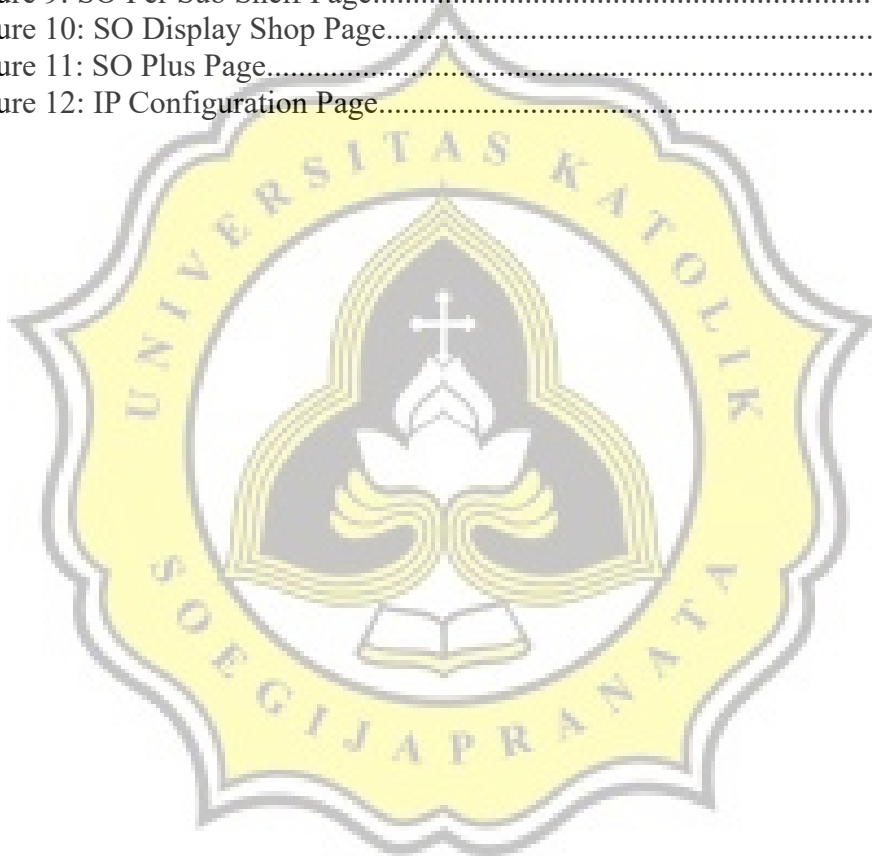
Keyword: Stock Opname, Android Studio, PHP, Web Service, Database.

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